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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/955267
				Filing Date	September 18, 2001
				First Named Inventor	Barry Freel
				Group Art Unit	1764
				Examiner Name	Tam M. Nguyen
Sheet	1	of	1	Attorney Docket Number	18153.4003

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
TN	A	3039955		Honnold	6/19/1962	
	B	3915844		Ueda	10/28/1995	
	C	4054492		Rammler et al.	10/18/1977	
	D	4057490		Wynne Jr.	11/08/1977	
	E	4090285		McKinney et al.	03/21/1978	
	F	4097362		McKinney et al.	06/27/1978	
	G	4305809		Chen et al.	12/15/1981	
	H	4448589		Fan	05/15/1984	
	I	4747938		Khan	05/31/1988	
	J	4861458		Martin et al.	08/29/1989	
	K	4325817		Bartholic et al.	04/1982	
	L	4604268		Kay et al.	08/1986	
	M	4661240		Kessick et al.	04/1987	
	N	5077261		Schubert	12/1991	
	O	5102854		Delzer et al.	04/1992	
	P	5264623		Oehr et al.	11/1993	
	Q	5310717		Delzer et al.	05/1994	
	R	5904839		Brons	05/18/1999	
	S	5928501		Sudhakar	7/1999	
	T	2002/010071 1 A1		Freel et al.	08/01/2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document		Date MM-DD-YYYY	Country	T ⁶
		Country ³	Number ⁴ Kind Code ⁵ (if known)			
TN	U	WO	91/11499	08/08/1991	WIPO	
TN	V		0 072 873 B1	2/26/1986	EPO	

Examiner Signature	OHS West:260215889.1 18153-4003	<i>Tam</i>	Date Considered	4/27/07
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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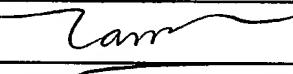
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Sheet	2	of	1	Attorney Docket Number	18153.4003

TN	W	WO 97/31083	08/29/1997	WIPO	
TN	X	DE 38 28 633 A1	03/09/1989	Germany	

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FORM PTO-1449	SERIAL NO. 09/955,267	CASE NO. 6340/16
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE September 18, 2001
(use several sheets if necessary)		APPLICANT(S): Barry Freel et al.

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
TN	A38	4,693,808	09/1987	Dewitz	208/113	—
TN	A39	4,772,378	09/1988	Miyauchi et al.	208/107	—
TN	A40	4,814,067	03/1989	Gartside et al.	208/127	—
TN	A41	4,816,136	03/1989	Allan et al.	208/127	—
TN	A42	4,818,373	04/1989	Bartholic et al.	208/1252	—
TN	A43	4,828,681	05/1989	Yourtee et al.	208/125	—
TN	A44	4,919,898	04/1990	Gartside et al.	422/219	—
TN	A45	4,980,045	12/1990	Krishna et al.	208/153	—
TN	A46	4,985,136	01/1991	Bartholic	208/409	—
TN	A47	5,092,984	03/1992	Babu et al.	585/241	—
TN	A48	5,136,117	08/1992	Paisley et al.	585/241	—
TN	A49	5,296,131	03/1994	Raterman	208/113	—
TN	A50	5,326,919	07/1994	Paisley et al.	208/1241	—
TN	A51	5,370,789	12/1994	Milne et al.	208/1126	—
TN	A52	5,413,702	05/1995	Yan	422/144	—
TN	A53	5,662,868	09/1997	Letzsch et al.	208/113	—
TN	A54	5,723,040	03/1998	Letzsch et al.	208/113	—
	A55	5,792,340	08/1998	Freel et al.	208/127	—

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
TN	A56	932686	08/1973	Canada	—	✓
TN	A57	1050736	03/1979	Canada	—	✓
TN	A58	1090732	12/1980	Canada	—	✓
TN	A59	1,108,545	09/1981	Canada	—	✓
TN	A60	1,283,880	05/1991	Canada	—	✓
TN	A61	2 117 394 A	10/1983	United Kingdom	—	✓
TN	A62	0 513 051 B1	12/1994	EPO	—	✓

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
TN	A63	Textbook Excerpts, "Occidental Flash Pyrolysis," pp. 285-286; "Rockwell Flash Pyrolysis," pp. 285-287, 1982.
TN	A64	G. R. Gavalas, "Coal Pyrolysis," Coal Science and Technology 4, pp. 70-76, 1982
TN	A65	C. L. Oberg, et al., "Coal Liquefaction by Flash Hydropyrolysis," Coal Processing Technology 6, pp. 159-165, 1980, California

EXAMINER	DATE CONSIDERED
<i>Carroll</i>	3/19/03

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